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OM protein - protein search, using sw model

Run on: August 14, 2002, 10:51:54 : Search time 27.32 Seconds  
(without alignments)  
27.716 Million cell updates/sec

Title: US-09-785-059-2

Sequence: 1 RVIRVQACRAIRHIVRIKGLRILRV 31

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/2/1aa/PCUTS.COMB.pep:\*  
6: /cgn2\_6/ptodata/2/1aa/Backfilest1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	122	82.4	28	1	US-08-786-748A-160
2	122	82.4	28	2	US-08-932-682-160
3	117	79.1	28	1	US-08-786-748A-14
4	117	79.1	28	1	US-08-786-748A-19
5	117	79.1	28	1	US-08-786-748A-24
6	117	79.1	28	2	US-08-932-682-14
7	117	79.1	28	2	US-08-932-682-19
8	117	79.1	28	2	US-08-932-682-24
9	112	75.7	28	1	US-08-786-748A-1
10	112	75.7	28	2	US-08-932-682-1
11	112	75.7	338	3	US-08-486-099-90
12	112	75.7	338	3	US-08-360-107A-100
13	112	75.7	338	3	US-08-484-223B-90
14	112	75.7	338	3	US-08-919-597-90
15	112	75.7	338	3	US-08-475-668A-90
16	112	75.7	338	3	US-08-485-551A-90
17	112	75.7	338	3	US-08-471-913A-90
18	112	75.7	338	4	US-08-485-264A-90
19	112	75.7	338	4	US-08-474-349A-90
20	112	75.7	345	4	US-09-272-342B-7
21	112	75.7	839	4	US-08-472-240A-10
22	112	75.7	856	2	US-07-916-098A-2
23	112	75.7	861	1	US-08-127-499A-14
24	112	75.7	861	1	US-08-482-847-14
25	112	75.7	861	4	US-07-956-483-10
26	112	75.7	861	4	US-07-956-483-16
27	112	75.7	861	4	US-08-472-240A-1

28	112	75.7	861	4	US-08-472-240A-7	Sequence 7, Appl1
29	108	73.0	28	1	US-08-786-748A-15	Sequence 15, Appl1
30	108	73.0	28	1	US-08-786-748A-25	Sequence 25, Appl1
31	108	73.0	28	2	US-08-932-682-15	Sequence 15, Appl1
32	108	73.0	28	2	US-08-932-682-25	Sequence 25, Appl1
33	107	72.3	28	1	US-08-786-748A-16	Sequence 16, Appl1
34	107	72.3	28	1	US-08-786-748A-26	Sequence 26, Appl1
35	107	72.3	28	1	US-08-786-748A-162	Sequence 162, Appl
36	107	72.3	28	2	US-08-786-748A-163	Sequence 163, Appl
37	107	72.3	28	2	US-08-932-682-16	Sequence 16, Appl
38	107	72.3	28	2	US-08-932-682-26	Sequence 26, Appl
39	107	72.3	28	2	US-08-932-682-162	Sequence 162, Appl
40	107	72.3	28	2	US-08-932-682-163	Sequence 163, Appl
41	106	71.6	28	1	US-08-786-748A-164	Sequence 164, Appl
42	106	71.6	28	1	US-08-786-748A-165	Sequence 165, Appl
43	106	71.6	28	2	US-08-932-682-164	Sequence 164, Appl
44	106	71.6	28	2	US-08-932-682-165	Sequence 165, Appl
45	104	70.3	28	1	US-08-786-748A-27	Sequence 27, Appl

#### ALIGNMENTS

RESULT 1  
US-08-786-748A-160  
; Sequence 160, Application US/08786748A  
; Patent No. 5714577  
; GENERAL INFORMATION:  
; APPLICANT: Ronald, Montelaro C.  
; APPLICANT: Tencza, Sarah B.  
; APPLICANT: Mletzner, Timothy A.  
; TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
; NUMBER OF SEQUENCES: 169  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10112-0228  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/786,748A  
; FILING DATE: 24-JAN-1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/010,634  
; FILING DATE: 26-JAN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rochelle K. Seide  
; REGISTRATION NUMBER: 32,300  
; REFERENCE/DOCKET NUMBER: AP30421  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-408-2500  
; TELEFAX: 212-765-2519  
; INFORMATION FOR SEQ ID NO: 160:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: No. 5714577e  
; US-08-786-748A-160

Query Match 82.4%; Score 122; DB 1; Length 28;  
Best Local Similarity 92.9%; Pred. No. 3.3e-11;  
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 RVIRVQACRAIRHIVRIROGLRIL 28  
| | | | | | | | | | | | | | | | | |  
Db 1 RVIRVQACRAIRHIVRIROGLRIL 28

## RESULT 2

US-08-932-682-160  
; Sequence 160, Application US/08932682  
; Patent No. 5945507  
; GENERAL INFORMATION:  
; APPLICANT: Tencza, Montelaro C.  
; APPLICANT: Mietzner, Timothy A.  
; TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
; NUMBER OF SEQUENCES: 169  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BAKER & BOTS, L.L.P.  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10112-0228  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: FASTSEQ Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/932,682  
; FILING DATE: 18-SEP-1997  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/786,748  
; FILING DATE: 24-JAN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rochelle K. Seide  
; REGISTRATION NUMBER: 32,300  
; REFERENCE/DOCKET NUMBER: AP30421-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-705-5000  
; TELEFAX: 212-765-2519  
; INFORMATION FOR SEQ ID NO: 160:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: No. 5945507e  
; US-08-932-682-160

Query Match 82.4%; Score 122; DB 2; Length 28;  
Best Local Similarity 92.9%; Pred. No. 3.3e-11;  
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 RVIRVQACRAIRHIVRIROGLRIL 28  
| | | | | | | | | | | | | | | | | |  
Db 1 RVIRVQACRAIRHIVRIROGLRIL 28

## RESULT 3

US-08-786-748A-14  
; Sequence 14, Application US/08786748A  
; Patent No. 5714577  
; GENERAL INFORMATION:  
; APPLICANT: Tencza, Montelaro C.  
; APPLICANT: Mietzner, Timothy A.  
; TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
; NUMBER OF SEQUENCES: 169  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond  
; STREET: 30 Rockefeller Plaza

CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10112-0228  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/786,748A  
FILING DATE: 24-JAN-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/010,634  
FILING DATE: 26-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Rochelle K. Seide  
REGISTRATION NUMBER: 32,300  
REFERENCE/DOCKET NUMBER: AP30421  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-408-2500  
TELEFAX: 212-765-2519  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 5714577e  
US-08-786-748A-14

Query Match 79.1%; Score 117; DB 1; Length 28;  
Best Local Similarity 89.3%; Pred. No. 1.7e-10;  
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 RVIRVQACRAIRHIVRIROGLRIL 28  
| | | | | | | | | | | | | | | | | |  
Db 1 RVIRVQACRAIRHIVRIROGLRIL 28

## RESULT 4

US-08-786-748A-19  
; Sequence 19, Application US/08786748A  
; Patent No. 5714577  
; GENERAL INFORMATION:  
; APPLICANT: Tencza, Montelaro C.  
; APPLICANT: Mietzner, Timothy A.  
; TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
; NUMBER OF SEQUENCES: 169  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10112-0228  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/786,748A  
FILING DATE: 24-JAN-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/010,634  
FILING DATE: 26-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Rochelle K. Seide

REGISTRATION NUMBER: 32,300  
REFERENCE/DOCKET NUMBER: AP30421  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-408-2500  
TELEFAX: 212-765-2519  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 5714577e  
US-08-786-748A-19

Query Match 79.1%; Score 117; DB 1; Length 28;  
Best Local Similarity 89.3%; Pred. No. 1.7e-10;  
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 RVIRVQACRAIRHVRIRIROLRLIL 28  
DB 1 RVIEVQACRAIRHVRIRIROLRLIL 28

RESULT 5  
US-08-786-748A-24  
Sequence 24, Application US/08786748A  
Patent No. 5714577  
GENERAL INFORMATION:  
APPLICANT: Ronald, Montelaro C.  
APPLICANT: Tencza, Sarah B.  
APPLICANT: Mielzner, Timothy A.  
TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
NUMBER OF SEQUENCES: 169  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10112-0228  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/786,748A  
FILING DATE: 24-JAN-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/010,634  
FILING DATE: 26-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Rochelle K. Seide  
REGISTRATION NUMBER: 32,300  
REFERENCE/DOCKET NUMBER: AP30421  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-408-2500  
TELEFAX: 212-765-2519  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 5714577e  
US-08-786-748A-24

Query Match 79.1%; Score 117; DB 1; Length 28;  
Best Local Similarity 89.3%; Pred. No. 1.7e-10;  
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 RVIRVQACRAIRHVRIRIROLRLIL 28  
DB 1 RVIRVQACRAIRHVRIRIROLRLIL 28

RESULT 6  
US-08-932-682-14  
Sequence 14, Application US/08932682  
Patent No. 5945507  
GENERAL INFORMATION:  
APPLICANT: Ronald, Montelaro C.  
APPLICANT: Tencza, Sarah B.  
APPLICANT: Mielzner, Timothy A.  
TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
NUMBER OF SEQUENCES: 169  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BAKER & BOTTS, L.L.P.  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10112-0228  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/932,682  
FILING DATE: 18-SEP-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/786,748  
FILING DATE: 24-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Rochelle K. Seide  
REGISTRATION NUMBER: 32,300  
REFERENCE/DOCKET NUMBER: AP30421-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-705-5000  
TELEFAX: 212-765-2519  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 5945507e  
US-08-932-682-14

Query Match 79.1%; Score 117; DB 2; Length 28;  
Best Local Similarity 89.3%; Pred. No. 1.7e-10;  
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 RVIRVQACRAIRHVRIRIROLRLIL 28  
DB 1 RVIRVQACRAIRHVRIRIROLRLIL 28

RESULT 7  
US-08-932-682-19  
Sequence 19, Application US/08932682  
Patent No. 5945507  
GENERAL INFORMATION:  
APPLICANT: Ronald, Montelaro C.  
APPLICANT: Tencza, Sarah B.  
APPLICANT: Mielzner, Timothy A.  
TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES  
NUMBER OF SEQUENCES: 169  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BAKER & BOTTS, L.L.P.

```

: NAME: Rochelle K. Seide
: REGISTRATION NUMBER: 32,300
: REFERENCE/DOCKET NUMBER: AP30421-A
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-765-5000
: TELEFAX: 212-765-2519
: INFORMATION FOR SEQ ID NO: 24:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 28 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: No. 5945507e
US-08-932-682-24

Query Match 79.1%; Score 117; DB 2; Length 28;
Best Local Similarity 89.3%; Pred.No.1.7e-10;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0

QY 1 RVIRVQRCRAIRHIVRRIRQGLRRL 28
      ||||| ||||| ||||| |||
Db 1 RVIRVQGCRAIRHIVRRIRQGLRRL 28

RESULT 9
US-08-786-748A-1
: Sequence 1, Application US/08786748A
: Patent No. 5714577
: GENERAL INFORMATION:
: APPLICANT: Ronald, Montelaro C.
: APPLICANT: Tencza, Sarah B.
: APPLICANT: Metzner, Timothy A.
: TITLE OF INVENTION: NOVEL ANTIMICROBIAL PEPTIDES
: NUMBER OF SEQUENCES: 169
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
: STREET: 30 Rockefeller Plaza
: CITY: New York
: STATE: New York
: COUNTRY: USA
: ZIP: 10112-0228
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/786,748A
: FILING DATE: 24-JAN-1997
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/010,634
: FILING DATE: 26-JAN-1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Rochelle K. Seide
: REGISTRATION NUMBER: 32,300
: REFERENCE/DOCKET NUMBER: AP30421
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-408-2500
: TELEFAX: 212-765-2519
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 28 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: No. 5714577e
US-08-786-748A-1

Query Match 75.7%; Score 112; DB 1; Length 28;
Best Local Similarity 85.7%; Pred.No. 8.7e-10;

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COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/360,107A  
FILING DATE: 20-DEC-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7872-013  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 100:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 338 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-360-107A-100

Query Match 75.7%; Score 112; DB 3; Length 338;  
Best Local Similarity 85.7%; Pred. No. 1.3e-08;  
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 RVIRVQACRAIRHIVRRIGLRL 28  
DB 310 RVIEVQACRAIRHIVRRIGLRL 337

RESULT 13  
US-08-484-223B-90  
Sequence 90, Application US/08484223B  
Patent No. 6020459  
GENERAL INFORMATION:  
APPLICANT: Bolognesi, Daniel P.  
APPLICANT: Matthews, Thomas J.  
APPLICANT: Wild, Carl T.  
APPLICANT: Barney, Shawn O.  
APPLICANT: Lambert, Dennis M.  
APPLICANT: Petteway, Stephen R.  
APPLICANT: Langlois, Alphonse J.  
TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF  
MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV  
TITLE OF INVENTION: TRANSMISSION  
NUMBER OF SEQUENCES: 243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,223B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7872-029  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 90:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 338 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-484-223B-90

Query Match 75.7%; Score 112; DB 3; Length 338;  
Best Local Similarity 85.7%; Pred. No. 1.3e-08;  
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 RVIRVQACRAIRHIVRRIGLRL 28  
DB 310 RVIEVQACRAIRHIVRRIGLRL 337

RESULT 14  
US-08-919-597-90  
Sequence 90, Application US/08919597  
Patent No. 6054265  
GENERAL INFORMATION:  
APPLICANT: Bolognesi, Daniel P.  
APPLICANT: Matthews, Thomas J.  
APPLICANT: Wild, Carl T.  
APPLICANT: Barney, Shawn O.  
APPLICANT: Lambert, Dennis M.  
APPLICANT: Petteway, Stephen R.  
APPLICANT: Langlois, Alphonse J.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION  
OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV  
TITLE OF INVENTION: TRANSMISSION  
NUMBER OF SEQUENCES: 273  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/919,597  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,896  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7872-020  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 90:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 338 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-919-597-90

Query Match	75.7%;	Score 112;	DB 3;	Length 338;
Best Local Similarity	85.7%;	Pred. No. 1.3e-08;		
Matches 24; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

QY	1	RVIRVVQACRAIRHIVRIRIQGLRRIL	28
Db	310	RVIEVQAGACRAIRHIPRIRIQGLERIL	337

RESULT 15

US-08-475-668A-90  
; Sequence 90, Application US/08475668A  
; Patent No. 606006

GENERAL INFORMATION:

APPLICANT: Barney, Shawn O.  
APPLICANT: Lambert, Dennis

APPLICANT: Petteway, Stephen R.

TITLE OF INVENTION: COMPOSITION

TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING INFORMATION ON THE ASSOCIATION

NUMBER OF SEQUENCES: 211

NUMBER OF SEQUENCES: 211  
CORRESPONDENCE ADDRESS:

ADDRESS: Pennie &

STREET: 1155 Avenue of the Amer

CITY: New York

STATE: New York  
COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE ;

MEDIUM TYPE: FL

COMPUTER: IBM P  
OPERATING SYSTEM

OPERATING SYSTEM: PC  
SOFTWARE: Patent In Force

```

; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/475,6

FILING DATE: 07-JUN-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: CORUZZI, Laura

REGISTRATION NUMBER:

REFERENCE/DOCKET NUMBER	DATE	FILED	COURT	CLERK
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TELECOMMUNICATION INFORMATION  
TELEPHONE: (313) 790-8000

TELEPHONE: (212) 790-9025  
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TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 90:

### SEQUENCE CHARACTERISTICS:

LENGTH: 338 amino acids  
TYPE: amino acid

STRANDEDNESS:  
LIFE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-08-475-668A-90

Query match	75
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Best Local Similarity 85

Matches 24; Conservativ

ОУ 1 ВУТРЊОРАСПАТРИТИ

Query Match	75.7%	Score 112	DB 3	Length 338
Best Local Similarity	85.7%	Pred. No. 1.3e-08		
Matches 24	Conservative 0	Mismatches 4	Indels 0	Gaps 0
QY	1	RVIKYVQACRAIRHIVRRIRGGLRRL	28	
Db	310	RVIEVQACRAIRHIVRRIRGGLRRL	337	

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Search completed: August 14, 2002, 10:51:54
Job time: 200 sec
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